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Processor/System Boards	Assembly	Spare Part	Config Code Table
Processor Board w/ Tray (i440 BX)	**See Note 2**	178919-001	T1
Processor Board (i440 BX)	010561-101 **See Note 3**	162857-001	T1
Processor Board w/ Tray (i810)	010127-101	117740-001	T2
Processor Board w/ Tray (i820)	010693-101	158750-001	T3
System Board w/ Audio (i815e)	010630-101	187498-001	T4
System Board w/out Audio (i815e)	011032-101 **See Note 4**	217055-001	T4

Note 1: To avoid injury from electric shock and/or hot surfaces and to prevent damage to the system board and/or interface boards (such as NICs, video controllers, and memory), unplug the AC power cord from the wall outlet and allow the internal components of the PC to cool before servicing the unit.

Note 2: Spare part number 178919-001 may contain 007998-101, 007998-102, 008123-101, 008123-103 or 008123-102. Verify assembly number and configuration code when ordering spare.

Note 3: Spare part number 400805-001 (008123-103) has been replaced with spare part number 162857-001 (010561-101). This board includes support for CuMine processors.

Note 4: System board 011032-101 does not have integrated audio; please verify system board part number prior to replacement.

CMOS Clear Settings

Jumper	Function	Setting	Description
E50 (440 BX) Jumper	Clear CMOS	1-2 2-3	To clear CMOS, move jumper from pins “1-2” to pins “2-3” for 60 seconds. Then, return jumper to original location.
E50 (i8XX) Button	Clear CMOS	NONE	To clear CMOS, locate CMOS button and press down for 5 seconds.

Note: Unplug the AC power cord from the wall outlet prior to clearing CMOS.

SW1, Speed Settings (440BX)*

66 MHz bus	100 MHz bus	S2	S3	S4	S5
	350	OFF	OFF	ON	ON
266	400	ON	ON	OFF	ON
300	450	ON	OFF	OFF	ON
333	500	OFF	ON	OFF	ON
366	550	OFF	OFF	OFF	ON
400	600	ON	ON	ON	OFF

*As of January 1, 1999, all 400 MHz and faster Intel Celeron and Pentium processors are shipped with the processor speed preset. The preset speed will override any switch settings set on the system board for processor speed. After July 1, 1999, system boards will no longer have speed setting SW1 switches.

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SW1, Password and Power Settings (440BX)

S1 Password Control	S6 Power Switch
Disable Password = ON	**ON:** When connected to power, computer waits for user to press ON/OFF button before booting. **Default.**
Enable Password = OFF	**OFF:** When connected to power, computer will boot.

Keyboard Light Combinations for FailSafe Boot Block

Num Lock	Caps Lock	Scroll Lock	Meaning and Required Action
OFF	ON	OFF	System requires setup password. Enter the setup password. The light remains on until a valid password is entered.
ON	OFF	OFF	System could not boot from ROMPaq diskette because it is not present, is bad, or drive is not ready. Insert a valid ROMPaq diskette, turn power off and back on.
OFF	OFF	ON	ROM upgrade failed. Try another ROMPaq diskette. If light remains on, contact Compaq Customer Support.
ON	ON	ON	ROM upgrade successfully completed. Turn power off and back on to resume normal operation.

Note: To access FailSafe Boot Block, download and create the appropriate ROMPaq from www.compaq.com and boot to ROMPaq diskette with the ESC key depressed.

Diagnostic LEDs – Keyboard

Key	Beeps	Meaning and Required Action
Num Lock – Flashing	1 Short, 2 Long	System memory or CRIMM is mis-seated or absent. Ensure that compatible DIMMs are installed in the unit. If so, reseat the modules.
Caps Lock – Flashing	1 Long, 2 Short	Video controller is mis-seated or absent. Clear CMOS, and if the video board is present, remove and reseat.
Scroll Lock – Flashing	2 Long, 1 Short	System initialization failed and the unit cannot boot. The system configuration may be invalid. Clear CMOS and see the configuration label for jumper location and instructions.
None *	1 Long, 3 Short	FailSafe Boot Block is executing.

* Not used on Intel 440 BX Unit.

Diagnostic LEDs (440 BX Unit)

Power LED	Color	Meaning
Flashing	Green	The unit is on and power supply is providing power to the system.
Slow-Blinking	Green	The unit is in a low-power state.
Fast-Blinking	Green	Processor-initiated thermal shutdown has occurred.
HDD and Power Flashing	Green	Riser board not seated.

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Diagnostic LEDs (810, 810e, 815e and 820 - Unit and Keyboard)

LED	Color	LED Activity	State/Message
Power	Green	On	Computer on
Power	Green	1 blink per second	Normal suspend mode
Power	Red	4 blinks per second	CPU thermal shutdown
Power	Red	On	CPU not installed or working
Power	Red	1 blink per second	ROM error
Keyboard	Green	Keyboard LEDs blink in sequence	Keyboard locked in network mode
Power	Red	1 blink per two or more seconds	Power supply crow bar
Power and Hard Drive	Red	On	Riser board not seated
Caps Lock	Green	Flashing	No video
Scroll Lock	Green	Flashing	System board failure, prior to video

Configuration Code Table One (T1)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
BW22 – BW44	See Note	178919-001	DT
BW2F – BW2Y	See Note	178919-001	DT
BW32 – BW42	See Note	178919-001	DT
BW32 – BW46	010561-101[1]	162857-001	DT
BW3B – BW3Y	See Note	178919-001	DT
BW3B – BW3Y	010561-101[1]	162857-001	DT
BW4B – BW4S	See Note	178919-001	DT
BW4B – BW4S	010561-101[1]	162857-001	DT
BW53	See Note	178919-001	DT
BW53	010561-101[1]	162857-001	DT
BW5B – BW5C	See Note	178919-001	DT
BW5B – BW5C	010561-101[1]	162857-001	DT
BW82 – BW85	See Note	178919-001	MT
BW82 – BW85	010561-101[1]	162857-001	MT
BW8D – BW8Y	See Note	178919-001	MT
BW8D – BW8Y	010561-101[1]	162857-001	MT
BWZ2 – BWZ6	See Note	178919-001	DT
BWZ4	See Note	178919-001	DT
BWZB – BWZY	See Note	178919-001	DT
BXH2 – BXH8	See Note	178919-001	DT
BXHB – BXHY	See Note	178919-001	DT
BZK2	See Note	178919-001	MT
BZKG – BZKT	See Note	178919-001	MT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

Note: Units may contain 007998-101, 007998-102, 008123-101, 008123-102 or 008123-103. Need assembly number and configuration code when ordering spare.

[1] 008123-103 is obsolete; it has been replaced with 010561-101

Continued

Large Form Factor

Configuration Code Table One (T1)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
BZL2	See Note	178919-001	MT
BZL2	010561-101[1]	162857-001	MT
BZMB	See Note	178919-001	MT
BZMB	010561-101[1]	162857-001	MT
BZMC	See Note	178919-001	MT
BZMC	010561-101[1]	162857-001	MT
BZM2	See Note	178919-001	MT
BZM2	010561-101[1]	162857-001	MT
CD23	See Note	178919-001	DT
CD23	010561-101[1]	162857-001	DT
CD35	See Note	178919-001	DT
CD35	010561-101[1]	162857-001	DT
CD47 – CD49	010561-101[1]	162857-001	DT
CD4B	See Note	178919-001	DT
CD4B	010561-101[1]	162857-001	DT
CD6B – CD6R	See Note	178919-001	MT
CD6B – CD6R	010561-101[1]	162857-001	MT
CD7P	See Note	178919-001	DT
CD7P	010561-101[1]	162857-001	DT
CD8P	See Note	178919-001	DT
CD8P	010561-101[1]	162857-001	DT
CDDZ	See Note	178919-001	DT
CDDZ	010561-101[1]	162857-001	DT
CDFZ	See Note	178919-001	MT
CDFZ	010561-101[1]	162857-001	MT
CDN2 – CDN3	See Note	178919-001	DT
CDN2 – CDN3	010561-101[1]	162857-001	DT
CDN3	See Note	178919-001	DT
CDN3	010561-101[1]	162857-001	DT
CDXP	See Note	178919-001	MT
CDXP	010561-101[1]	162857-001	MT
CDYP	See Note	178919-001	MT
CDYP	010561-101[1]	162857-001	MT
CDZ2 – CDZ7	See Note	178919-001	DT
CDZ2 – CDZ7	010561-101[1]	162857-001	DT
CDZB	See Note	178919-001	DT
CDZC	See Note	178919-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

Note: Units may contain 007998-101, 007998-102, 008123-101, 008123-102or 008123-103. Need assembly number and configuration code when ordering spare.

[1] 008123-103 is obsolete; it has been replaced with 010561-101.

Continued

Large Form Factor

Configuration Code Table One (T1)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
CD48 – CD49	See Note	178919-001	DT
CD53 – CD54	See Note	178919-001	MT
CD53 – CD54	010561-101[1]	162857-001	MT
CD63 – CD65	See Note	178919-001	MT
CD63 – CD65	010561-101[1]	162857-001	MT
CF83	See Note	178919-001	MT
CF83	010561-101[1]	162857-001	MT
CGMD – CGQM	See Note	178919-001	DT
CGQ2 – CGQ4	See Note	178919-001	DT
CGQ2 – CGQ4	010561-101[1]	162857-001	DT
CGR2 – CGR4	See Note	DT	MT
CGR2 – CGR4	010561-101[1]	162857-001	MT
CGS2 – CGS4	See Note	178919-001	MT
CGS2 – CGS4	010561-101[1]	162857-001	MT
CGTP	See Note	178919-001	DT
CGTP	010561-101[1]	162857-001	DT
CJGC – CJGD	See Note	178919-001	DT
CJGC – CJGD	010561-101[1]	162857-001	DT
CJHG – CJHJ	See Note	178919-001	MT
CJHG – CJHJ	010561-101[1]	162857-001	MT
CK7B – CK7C	See Note	178919-001	DT
CK7B – CK7C	010561-101[1]	162857-001	DT
CK8P	See Note	178919-001	MT
CK8P	010561-101[1]	162857-001	MT
CK9P	See Note	178919-001	MT
CK9P	010561-101[1]	162857-001	MT
CKBB	See Note	178919-001	DT
CKBB	010561-101[1]	162857-001	DT
CKL2 – CKL4	010561-101[1]	162857-001	DT
CKM2 – CKM6	010561-101[1]	162857-001	DT
CKN2 – CKN9	010561-101[1]	162857-001	DT
CKP2 – CKP9	010561-101[1]	162857-001	DT
CKQ2 – CKQ3	010561-101[1]	162857-001	MT
CKR2 – CKR3	010561-101[1]	162857-001	MT
CKS2 – CKS4	010561-101[1]	162857-001	MT
CKT2 – CKT4	010561-101[1]	162857-001	MT
CKVB	010561-101[1]	162857-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

Note: Units may contain 007998-101, 007998-102, 008123-101, 008123-102or 008123-103. Need assembly number and configuration code when ordering spare.

[1] 008123-103 is obsolete; it has been replaced with 010561-101.

Continued

Large Form Factor

Configuration Code Table One (T1)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
CKWP	010561-101[1]	162857-001	DT
CKXP	010561-101[1]	162857-001	DT
CKYP	010561-101[1]	162857-001	DT
CLBP	See Note	178919-001	MT
CLBP	010561-101[1]	162857-001	MT
CMYP	010561-101[1]	162857-001	MT
CMZP	010561-101[1]	162857-001	MT
CN42	010561-101[1]	162857-001	DT
CN52	010561-101[1]	162857-001	DT
CR22 – CR24	010561-101[1]	162857-001	MT
CRZ2 – CRZ9	010561-101[1]	162857-001	DT
CWMP	010561-101[1]	162857-001	DT
CWNP	010561-101[1]	162857-001	DT
CWPP	010561-101[1]	162857-001	DT
CWQP	010561-101[1]	162857-001	MT
CWRP	010561-101[1]	162857-001	MT
CWSP	010561-101[1]	162857-001	MT
DKY2-DKY3	010561-101	162857-001	DT
DKY5	010561-101	162857-001	DT
DKZ2	010561-101	162857-001	DT
DM82	010561-101	162857-001	DT
DM92	010561-101	162857-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

Note: Units may contain 007998-101, 007998-102, 008123-101, 008123-102 or 008123-103. Need assembly number and configuration code when ordering spare.

[1] 008123-103 has been replaced with 010561-101.

Configuration Code Table Two (T2)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
CV92 – CV99	010127-101	117740-001	DT
CV9P	010127-101	117740-001	DT
CWPZ	010127-101	117740-001	DT
DBP2 – DBP3	010127-101	117740-001	DT
DBW2 – DBW9	010127-101	117740-001	DT
DBWP	010127-101	117740-001	DT
DDZ2, DDZ3	010127-101	117740-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

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Configuration Code Table Three (T3)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
DCD2, DCD3	010693-XXX	158750-001	MT
DH92 – DH94	010693-XXX	158750-001	DT
DH95		158750-001	DT
DJB2, DJB3	010693-XXX	158750-001	DT
DJF3	010693-XXX	158750-001	DT
DJF5, DJF6	010693-XXX	158750-001	DT
DJF8	010693-XXX	158750-001	DT
DNS2, DNS3	010693-XXX	158750-001	DT
DNT2	010693-XXX	158750-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

Configuration Code Table Four (T4)			
Configuration Code*	**Assembly**	**System Board Spare Part**	**Form Factor**
DYSZ**	010630-101	187498-001	DT

*Refer to Desktop and Minitower Off-Menu Configurations appendix for CTO configuration information.

** Configuration Code DYSZ may ship with system board part number 011032-101, which does not have integrated audio; please verify system board part number prior to replacement.

Slot-1 Processors for 440 BX Chipset System Boards (T1)

Microprocessors	Spare Part	System
266/66 PII 512K Cache	179183-001	T1
300/66 Celeron 128K Cache	330399-001	T1
300/66 Celeron No Cache	358230-001	T1
300/66 PII 512K Cache	179174-001	T1
333/66 PII 512K Cache	179184-001	T1
333/66 Celeron 128K Cache	330400-001	T1
350/100 PII 512K Cache	179172-001	T1
400/66 Celeron 128K Cache	100704-001	T1
400/100 PII 512K Cache	179326-001	T1
450/100 PII 512K Cache	179173-001	T1
450/100 PIII 512K Cache (Katmai)	102429-001	T1 *
500/100 PIII 512K Cache (Katmai)	102430-001	T1 *
550/100 PIII 256K Cache (CuMine)	175938-001	T1 *
550/100 PIII 512K Cache (Katmai)	135363-001	T1 *
600/100 PIII 256K Cache (CuMine)	175939-001	T1 *
600/100 PIII 512K Cache (Katmai)	157809-001	T1 *
650/100 PIII 256K Cache (CuMine)	162858-001	T1 *
700/100 PIII 256K Cache (CuMine)	165055-001	T1 *
750/100 PIII 256K Cache (CuMine)	177459-001	T1 *

* These processors cannot be installed in system board part number 178919-001.

Note: All processors for T1 systems include a heat sink.

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Socket-370 Processors for i810 Chipset System Boards (T2)

Microprocessors	Spare Part	System
466/66 Celeron w/ Heat Sink	103747-001	T2
500/66 Celeron w/ Heat Sink	155379-001	T2

Slot-1 Processors for i820 Chipset System Boards (T3)

Microprocessors	Spare Part	System
600/133 PIII w/ Heat Sink	158783-001	T3
667/133 PIII w/ Heat Sink	158784-001	T3
733/133 PIII w/ Heat Sink	164796-001	T3

Socket-370 Processors for i815e Chipset System Boards (T4)

Microprocessors	Spare Part	System
600/66 Celeron w/ Heat Sink	192011-001	T4
667/133 PIII w/ Heat Sink	192007-001	T4
733/133 PIII w/ Heat Sink	192008-001	T4
800/133 PIII w/ Heat Sink	192009-001	T4
866/133 PIII w/ FanSink	192006-001	T4
933/133 PIII w/ FanSink	192010-001	T4

Memory for Intel 440BX and i810 Chipset Units (T1 and T2)

Memory	Assembly	Spare Part	Option Part	System
16 MB DIMM, 66 MHz	278030-002	278066-001	242803-B21	T1 **
16 MB DIMM, 100 MHz	323010-001	166969-001	166611-B21	T1
32 MB DIMM, 66 MHz	278031-002 286548-001	278067-001	242804-B21	T1 **
32 MB DIMM, 66 MHz ECC	268308-002	288440-001	270841-B21	T1 **
32 MB DIMM, 100 MHz	323011-001 323029-001	166890-001	166612-B21	T1, T2*
32 MB DIMM, 100 MHz ECC	323015-001	166968-001	166616-B21	T1
64 MB DIMM, 66 MHz	270859-002	278095-001	242805-B21	T1 **
64 MB DIMM, 66 MHz ECC	270857-002	278098-001	270842-B21	T1 **
64 MB DIMM, 100 MHz	323012-001	179190-001	166613-B21	T1, T2*
64 MB DIMM, 100 MHz ECC	323016-001	166967-001	166617-B21	T1, T2*
128 MB DIMM, 66 MHz	270858-002	278096-001	270812-B21	T1 **
128 MB DIMM, 66 MHz ECC	270856-002	278099-001	270843-B21	T1 **
128 MB DIMM, 100 MHz	323013-001	166966-001	166614-B21	T1, T2*
128 MB DIMM, 100 MHz ECC	323017-001	166965-001	166618-B21	T1, T2*
256 MB DIMM, 100MHz	400420-001	141009-001	102306-B21	T1, T2*
256 MB DIMM, 100MHz ECC	400421-001	141008-001	102307-B21	T1

* i810 boards should only use 100 MHz memory.

** Do not install 66 MHz memory in a system with a 100MHz processor.

Note: i810 and i815e systems do not support ECC RAM.

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Memory for i820 Chipset Units (T3)

Memory	Assembly	Spare Part	Option Part	System
128 MB PC700 RDRAM, ECC	402824-722	158264-001	103989-B21	T3
128 MB RDRAM, ECC	402833-762	158264-001	103994-B21	T3
RDRAM Continuity Module (CRIMM)	010566-001	158265-001	164173-B21	T3

Memory for i815e Chipset Units (T4)

Memory	Assembly	Spare Part	Option Part	System
4 MB Graphics Performance Accelerator Module (AIMM)	176755-001	192012-001		T4
64 MB DIMM, 133 MHz	140132-001 168694-001	170080-001	174223-B21	T4
128 MB DIMM, 133 MHz	140133-001 168695-001	170081-001	174224-B21	T4
256 MB DIMM, 133 MHz	140134-001	192014-001	174225-B21	T4

Note: i810 and i815e systems do not support ECC RAM.

Miscellaneous parts for Intel 440BX, i810 and i820 Chipsets (T1, T2, and T3)

Miscellaneous	Assembly	Spare Part	System
Bezel Plastics Kit		179295-001	T1
DT Plastics Kit		179371-001	T1 (MT)
DT Power Switch w/ LED and Bracket	179138-001	179293-001	T1 (DT)
Fan Assembly w/ Enclosure, 80mm		179289-001	T1, T3 (DT)
Fan Assembly w/ Enclosure, 92mm		179368-001	T1 (MT)
Floppy Eject Button		103997-001	T1
Hood Assembly w/ Bezel		179179-001 Replaced w/ 126008-001	T1, T2, T3 (DT)
Hood Assembly w/ Bezel		126008-001	T1, T2, T3 (DT) *
Keyboard, US, Enhanced	112259-006 166516-006	269513-001	T1, T2, T3
MT Plastics Kit		179181-001	T1 (DT)
MT Power Switch w/ LED and Bracket		179383-001	T1 (MT)
Misc. Hardware		147909-001	T1, T2, T3
Misc. Plastics Kit		147910-001	T1 (DT) *
Mouse, MS Intellimouse		317863-003	T1, T2, T3
Mouse, Opal	141649-006	166861-001	T1, T2, T3
Slot Cover	101144-001	141081-001	T1, T2, T3
Solenoid Kit	270718-002	179189-001 Replaced w/ 201485-001	T1, T2, T3
Speaker w/ Enclosure	179078-001	179188-001	T1

Miscellaneous parts for i815e Chipset (T4)

Miscellaneous	Assembly	Spare Part	System
CMT Plastics Kit		166878-001	T4 (CMT)
Fan	180708-001	203618-001	T4

Continued

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Miscellaneous parts for i815e Chipset (T4)

Miscellaneous	Assembly	Spare Part	System
Fan Guard	103263-003	207609-001	T4 (CMT)
Keyboard, US, Easy Access	122659-006	123130-001	T4
Misc. Screw Kit		179180-001	T4
Mouse Scroll, Opal	334684-006	334689-002	T4
Power Switch	180706-001	192013-001	T4
SDT Plastics Kit		201271-001	T4 (SDT)
Solenoid Kit	270718-002	179189-001 Replaced w/ 201485-001	T4 (SDT)
Speaker, 40x70 12”	174921-002	192518-001	T4

For units shipped after May 17, 1999. Chassis configuration changed after this date, so please verify part numbers prior to replacement.

Cables (All Configurations)	Assembly	Spare Part	System
3-Device Wide Ultra 2 SCSI Cable with Terminator	199616-013	179341-001	T1
Cable Assembly, w/ SCSI U2		330532-001	T2
Dual Device 80-Conductor UATA Cable	108950-023	215392-001	T4 (SDT)
Dual Device 80-Conductor UATA Cables (2 configurations)	270847-001 270847-002	278296-001	T1, T2, T3, T4 (CMT)
Internal CD-Audio Cable (black connectors on both ends)	387527-001	149806-001	T4
NIC Remote Wake Up Cable		166974-001	T1, T2, T3
SCSI LED Cable	225537-001	247485-001	T1, T2, T3
Single Device 80-Conductor UATA Cable		192264-001	T4
Token Ring Cable	184395-001	172844-001	T1, T2

Modems	Assembly	Spare Part	System
Compaq Netelligent 56K ISA Fax Modem	294913-001	294912-001	T1
PCI 56K Controllerless Modem	155431-B21	157071-B21	T1, T3
PCI 56K Fax Modem	321506-B22	321510-B21	T1, T2, T3

Removable Storage	Assembly	Spare Part	System
1.44 MB Diskette Drive with Bracket	122713-001	179161-001	T1, T2, T3
1.44 MB Diskette Drive with Bracket	135262-001	158266-001	T4 (CMT)
1.44 MB Diskette Drive with Bracket	122713-001	123958-001	T4 (CMT)
1.44 MB Diskette Drive, Buttonless	210634-001	191714-001	T4 (SDT)
3.5” Drive Bracket	179026-001	166923-001	All
5X/32X DVD-ROM, Generation 3	356146-701	386128-001	T1, T2, T3
10X/40X Max DVD-ROM	155596-712	161430-001	T1, T2, T4
24X Tray Load CD-ROM		166869-001	T1
32X Tray Load CD-ROM		327659-001	T1, T2, T3
40X CD-ROM	388036-001	400807-001	T1, T2, T3
48X CD-ROM	176140-001	187263-001	T4
Iomega Zip 100 Drive	270928-703	386561-001	T2
LS-120 SuperDisk Diskette Drive	184932-702	358232-001	T1, T2
TR5 10/20 GB Tape Backup Drive	388737-001	480081-001	T2
TrueX 52X CD-ROM	108933-001	120696-001	T1, T2

Large Form Factor

Video Controller Boards	Assembly	Spare Part	Option	System
ATI Rage Pro 1X, 4MB 2 MB SODIMM for 179231-001*	314024-002	166871-001 166971-001	294266-B21	T1
ATI Rage Pro 2X, 4MB 4 MB SODIMM for 334170-001	334134-001 314025-002	334170-001 166972-001	294227-B21	T1
ATI Rage Pro 2X, 8MB	401271-001	113874-001		T1
Diamond Viper 330 (128)	322727-001	322747-001 Replaced w/ 400438-001		T1
Matrox G200 SG 8 MB SGRAM for 294409-001	358231-001 356125-002	294409-001 386047-001	294417-B21	T1
Matrox Millennium G400, AGP	400273-001	400438-001		T3
Matrox Millennium II 4 MB WRAM for 296676-001 12 MB WRAM for 296676-001	007448-001 270309-001 270310-001	296676-001 270260-001 270262-001	270831-001 270833-B21	T1
NVidia 16MB TNT2	175779-001	179997-001		T4
STB Velocity 4400 TNT	330751-001	386875-001		T1

*ATI Rage Pro 1X, spare part number 179231-001 has been replaced with spare number 166871-001. Replacement spare number 166871-001 does not require 2MB video RAM upgrade. Please return 2 MB video upgrade when replacing video card.

Controller and Backplane Boards	Assembly	Spare Part	System
3COM Etherlink 10/100 PCI Complete Management NIC (3C905C-TX)	402355-001	118042-001	CTO
3COM Fast Etherlink XL 10/100 PCI with remote wake-up (3C905B-TX)	179338-001	179167-001	T1
Adaptec AHA-2940U2 SCSI Controller	358227-001	330522-001	T1, T2, T3
Adaptec AHA-2940UW SCSI Controller	334136-001	179261-001	T1
Audio, SoundBlaster, Ensoniq 1373, 128V	102392-001	113897-001 Replaced w/ 113897-003	T2
Backplane Board, 0-2-2	008001-001 009663-002	178936-001	T1 (DT)
Backplane Board, 0-2-2	001436-001	123717-001	T2, T3 (DT)
Backplane Board, 2-0-5	008058-001	179175-001	T1 (MT)
Backplane Board/II, 2-0-5	010439-001	123718-001	T2, T3 (MT)
IBM PCI 4/16 WOL Token Ring Adapter	179264-001	179294-001	T1, T2
Compaq 10/100 TX PCI Intel WOL NIC w/ WOL Cable	323550-001	323553-001	T1
Intel NC3121 Fast Ethernet 10/100 WOL	323557-001	323556-001	T1
Intel Pro/100+ Management Adapter	108897-001	116188-001	T1, T2, T3
Netelligent 10/100 TX (TLAN)	005139-001	169849-001	T1
NIC, Madge 51-04, 4/16 PCI, WOL	150257-001	153106-001	CTO

Note: As of May 15, 1999, all Deskpro EN Intel Pentium units with processor speeds greater than 350 MHz and Serial Number x921xxxxxxxx should ship with the new Intel PRO/100+ Management Adapter with SMBus NIC (spare number 116188-001) and the ATI Rage Pro Turbo Graphics Controller with 8 MB of memory (non-upgradeable) (spare number 113874-001). The 116188-001 NIC is not backward compatible on units with lower serial numbers unless the unit is upgraded with the new NIC driver available from www.compaq.com. The new driver is backward compatible.

Large Form Factor

ROM Information	Config Code Table
System ROMPaq Family 686J1	T2
System ROMPaq Family 686J2	T3
System ROMPaq Family 686P2	T4
System ROMPaq Family 686T3	T1

Hard Drives	Assembly	Spare Part	System
3.2 GB, U33	314026-001	166873-001	T1
4.3 GB, U33	314027-001	327646-001	T1
4.3 GB, U66, 5400 rpm		134197-001	T1 T2
4.3 GB, UWSCSI		179287-001	T1
6.4 GB, U33	334118-001	166973-001	T1
6.4 GB, U66, 5400 rpm		134198-001	T1, T2, T3
8.4 GB, U33		166981-001	T1
9.1 GB, UWSCSI		179288-001	T1
9.1 GB, UWSCSI U2		330521-001	T2
10.0 GB, U66, 5400 rpm		134193-001	T1*, T4
10.0 GB, U66, 7200 rpm	118179-004	135364-001	T1*, T4
10.0 GB, U66, 7200 rpm, Quiet	176260-001	192058-001	T4
10.0 GB, UATA, 5400 rpm	178548-001	320662-001	T1
10.0 GB, UATA, 7200 rpm		330520-001	T1
13.5 GB, U66, 7200 rpm	118179-005	140515-001	T1*, T3
14.4 GB, UATA		334806-001	T1
15.0 GB, U66, 7200 rpm	167951-001	192060-001	T4
15.0 GB, U66, 7200 rpm, Quiet	176261-001	192059-001	T4
15.0 GB, UATA, 7200 rpm		120419-001	T2, T3
18.2 GB, UWSCSI, 7200 rpm		144577-001	T2, T3
20.0 GB, 7200 rpm	167965-002	180475-001	ALL*
20.0 GB, 7200 rpm, Quiet	176005-010	180476-001	T4
20.0 GB, UATA, 7200 rpm		157403-001	ALL*
22.6 GB, UATA, 7200 rpm		388511-001	T1*, T2, T3

*Used in i440BX systems with a Pentium III or faster processor

Battery/Power Supply	Assembly	Spare Part	System
Battery, 3V, 200m, Lithium	166899-001	153099-001	T2, T3, T4
Battery, 3V, 540m, Lithium	334149-001	179322-001	T1
Power Supply, 200 W	334112-001	334169-001	T1 *
Power Supply, 200 W	386461-001	103748-001	T1, T2, T3, T4 CMT *
Power Supply, 3.3V, 200 W	161071-001	176764-001	T4 (SDT)

*Chassis configuration changed for units shipped after May 17, 1999. Please verify power supply part number prior to replacement. **These 2 power supplies are not interchangeable.**

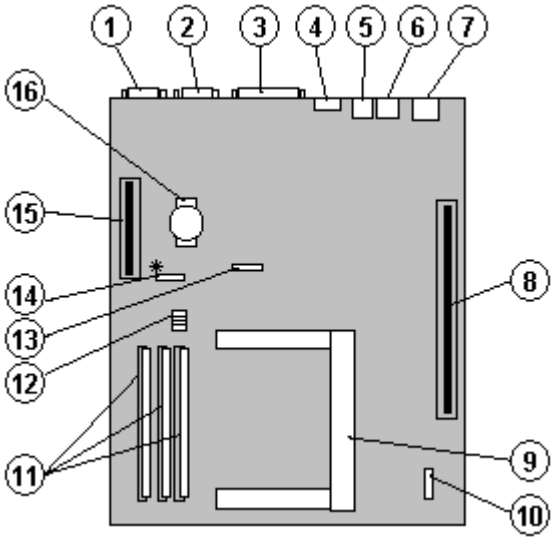
Large Form Factor

Memory Upgrade Chart

MEMORY OPTIONS LOCATED IN "MEMORY FOR INTEL i440BX CHIPSET UNITS (T1)" ABOVE

Maximum memory is 768 MB SDRAM (with system ROM dated 02/08/99 or later)

MEMORY IS INSTALLED IN DIMM SLOTS LOCATED AT ITEM 11 IN DIAGRAM BELOW.



System Board (NLX Type)
(Assembly part numbers 007998-101, 008123-101, or 010561-101)

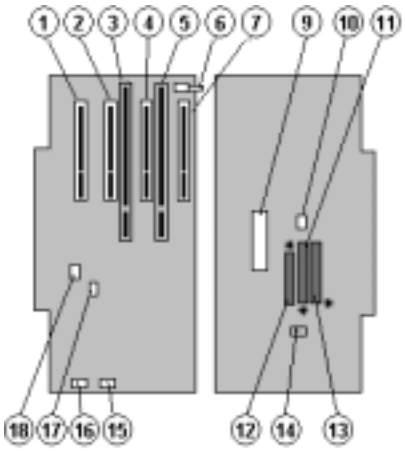
* = Pin 1 designation

Item	Function	Item	Function
1	Serial Port (COM1)	**9**	Processor Connector
2	Serial Port (COM2)	**10**	Heat Sink Thermal Diode Connector **[1]**
3	Parallel Port (LPT1)		
4	(Top) Mouse Connector	**11**	DIMM Sockets
	(Bottom) Keyboard Connector)	**12**	SW1 (Processor speed and Power on Password)
5	(Top) Audio Line In		
	(Bottom) Audio Line Out	**13**	Heat Sink Thermal Diode Connector **[2]**
6	(Top) Audio Mic In		
	(Bottom) Audio Headphone Out	**14**	CMOS Clear Jumper
7	(Top) USB Port A	**15**	AGP Slot (NLX-Type)
	(Bottom) USB Port B	**16**	CMOS Battery
8	Backplane connector		

[1] Located here on part number 008123 or 010561
[2] Located here on part number 007998

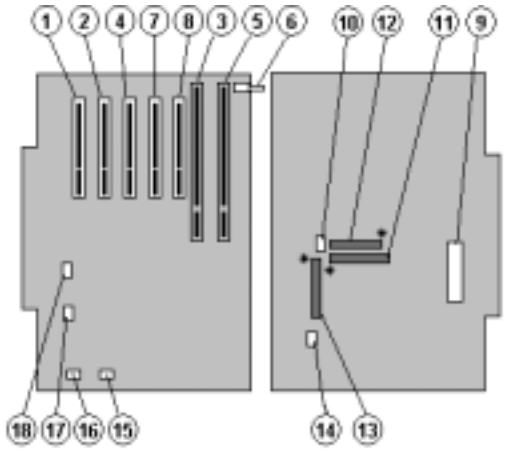
Large Form Factor

BACKPLANE BOARD DIAGRAMS FOR DESKPRO EN SYSTEMS WITH i440BX CHIPSET (T1)



Systemboard Side Power Supply Side

Desktop Backplane Board
(P/N 008001 or 009663)



Systemboard Side Power Supply Side

Minitower Backplane Board
(P/N 008058)

∗ = Pin 1 designation

Item	Function	Item	Function
1	PCI Connector J20 (Slot 1)	**10**	CD Audio Connector P7
2	PCI Connector J21 (Slot 2)	**11**	Secondary EIDE Connector P21
3	ISA Connector J10	**12**	Diskette Drive Connector P10
4	PCI Connector J22 (Slot 3)	**13**	Primary EIDE Connector P20
5	ISA Connector J11	**14**	Power Button/LED Connector P5
6	Smart Cover Sensor Switch	**15**	Chassis Fan Connector P8
7	PCI Connector J23 (Slot 4)	**16**	Speaker Header P6
8	PCI Connector J24 (Slot 5)	**17**	SCSI LED Header P29
9	Power Supply Connector P1	**18**	WOL Header P9

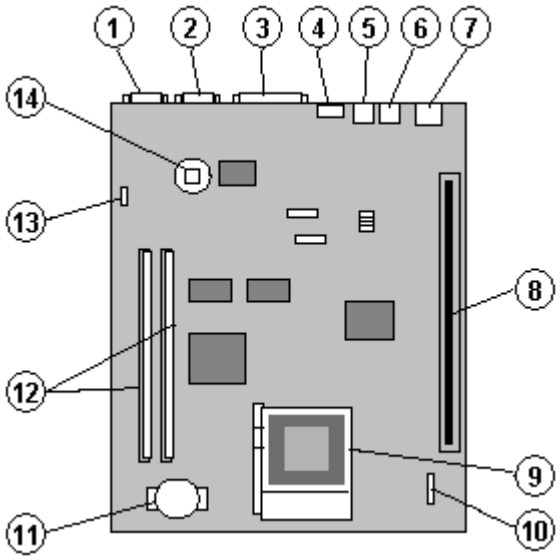
Large Form Factor

Memory Upgrade Chart

MEMORY OPTIONS LOCATED IN "MEMORY FOR INTEL i810 CHIPSET UNITS (T2)" ABOVE

Maximum memory is 512 MB SDRAM. Non-ECC RAM is not supported with this chipset.

MEMORY IS INSTALLED IN DIMM SLOTS LOCATED AT ITEM 12 IN DIAGRAM BELOW.



Celeron-Based System Board
(Assembly part number 010127-101)

Item	Function	Item	Function
1	Monitor Connector	**7**	(Top) USB Port A
2	Serial Ports		(Bottom) USB Port B
	(COM1 Bottom, COM2 Top)	**8**	Backplane connector
3	Parallel Port	**9**	Processor Connector
4	(Top) Mouse Connector	**10**	Chassis Fan Connector
	(Bottom) Keyboard Connector)	**11**	CMOS Battery
5	(Top) Audio Line In	**12**	Memory Slots
	(Bottom) Audio Line Out	**13**	Password Enable/Disable
6	(Top) Audio Mic In		Jumper
	(Bottom) Audio Headphone Out	**14**	CMOS Clear Button

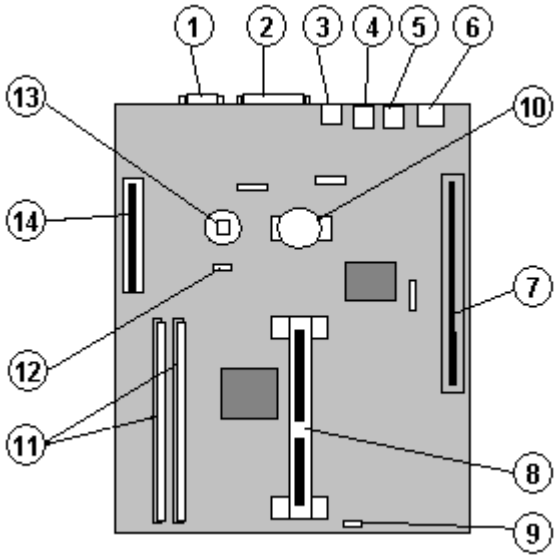
Large Form Factor

Memory Upgrade Chart

MEMORY OPTIONS LOCATED IN "MEMORY FOR INTEL i820 CHIPSET UNITS (T3)" ABOVE

Maximum memory is 512 MB RDRAM

MEMORY IS INSTALLED IN RIMM SLOTS LOCATED AT ITEM 11 IN DIAGRAM BELOW. A CRIMM MODULE (RAMBUS CONTINUITY MODULE) MUST BE INSTALLED IN EACH EMPTY RIMM SLOT.

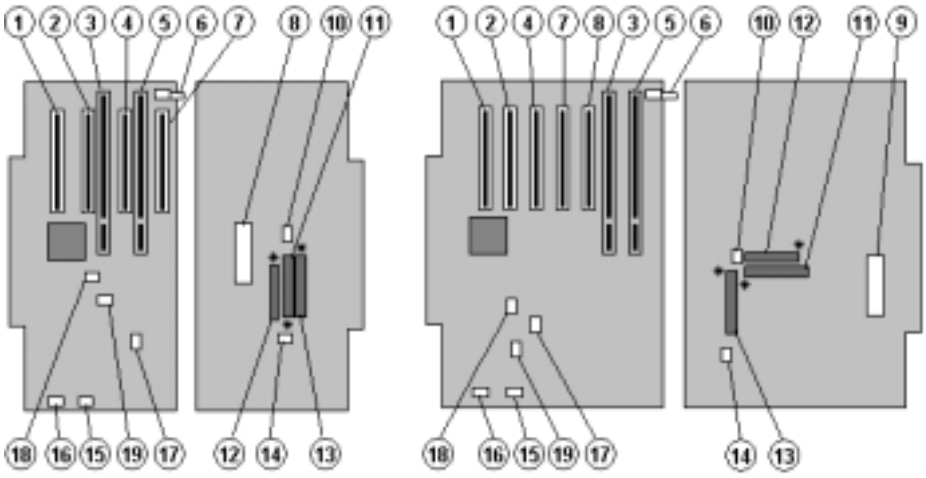


Pentium III-Based i820 System Board
(Assembly part number 010693-101)

Item	Function	Item	Function
1	Serial Ports	**7**	Backplane connector
	(COM1 Bottom, COM2 Top)	**8**	Processor Connector
2	Parallel Port	**9**	Chassis Fan Connector
3	(Top) Mouse Connector	**10**	CMOS Battery
	(Bottom) Keyboard Connector)	**11**	Memory Slots
4	(Top) Audio Line In	**12**	Password Enable/Disable
	(Bottom) Audio Line Out		Jumper
5	(Top) Audio Mic In	**13**	CMOS Clear Button
	(Bottom) Audio Headphone Out	**14**	AGP Slot (NLX-Type
6	(Top) USB Port A		
	(Bottom) USB Port B		

Large Form Factor

BACKPLANE BOARD DIAGRAMS FOR DESKPRO EN SYSTEMS WITH i810 AND i820 CHIPSETS (T2 AND T3)


1 2 3 4 5 6 7 8 10 11
18 16 15 19 17 12 14 13
Systemboard Side
Power Supply Side
1 2 4 7 8 3 5 6 10 12 11 9
18 16 15 19 17 14 13
Systemboard Side
Power Supply Side

Desktop Backplane Board
(P/N 010436)

Minitower Backplane Board
(P/N 010439)

∗ = Pin 1 designation

Item	Function	Item	Function
1	PCI Connector J20 (Slot 1)	**10**	CD Audio Connector P7
2	PCI Connector J21 (Slot 2)	**11**	Secondary EIDE Connector P21
3	ISA Connector J10	**12**	Diskette Drive Connector P10
4	PCI Connector J22 (Slot 3)	**13**	Primary EIDE Connector P20
5	ISA Connector J11	**14**	Power Button/LED Connector P5
6	Smart Cover Sensor Switch	**15**	Chassis Fan Connector P8
7	PCI Connector J23 (Slot 4)	**16**	Speaker Header P6
8	PCI Connector J24 (Slot 5)	**17**	SCSI LED Header P29
9	Power Supply Connector P1	**18**	WOL Header P9
		19	AOL Header P12

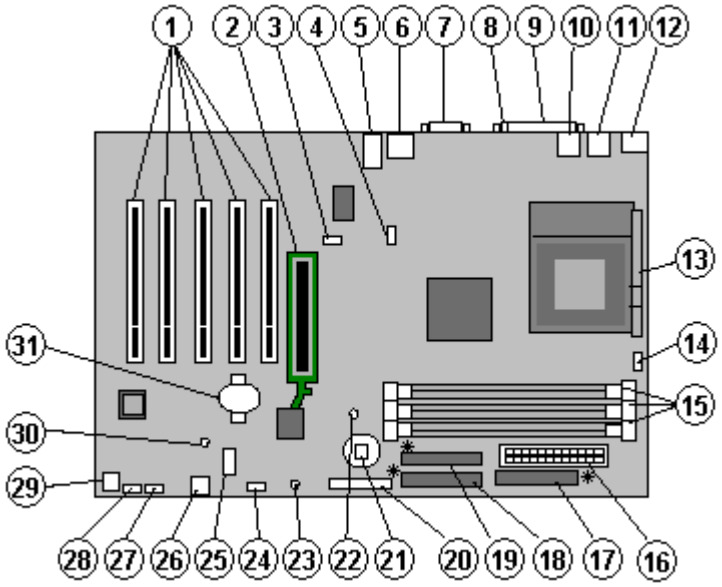
Large Form Factor

Memory Upgrade Chart

MEMORY OPTIONS LOCATED IN "MEMORY FOR INTEL i815 CHIPSET UNITS (T4)" ABOVE

Maximum memory is 512 MB PC133 SDRAM. Non-ECC RAM is not supported with this chipset.

MEMORY IS INSTALLED IN DIMM SLOTS LOCATED AT ITEM 15 IN DIAGRAM BELOW.



Pentium III and Celeron Based i815e System Board (Assembly part number 010630-101)

∗ = Pin 1 designation

Item	Function	Item	Function
1	PCI Connectors	**14**	Processor Fan Connector
2	AGP Connector	**15**	DIMM Sockets
3	Chassis Fan Connector	**16**	Power Supply Connector
4	Smart Cover Lock Solenoid Connector	**17**	Diskette Drive Connector
		18	Primary IDE Connector
5	Top: Mic In	**19**	Secondary IDE Connector
	Middle: Line Out	**20**	Power Button/LED Connector
	Bottom: Line In	**21**	CMOS Clear Memory Button
6	Network Interface Connector	**22**	Aux 3.3 VDC LED
7	Top: Com 2	**23**	Power Button Diagnostic LED
	Bottom: Com 1	**24**	Password Jumper
8	Monitor Connector	**25**	AOL/SOS Connector
9	Parallel Port Connector (LPT1)	**26**	CD-ROM Audio Input Connector
10	Mouse Connector	**27**	Smart Cover Sensor Connector
11	Keyboard Connector	**28**	Speaker Connector
12	Top: USB Port B	**29**	Aux Audio Input Connector
	Bottom: USB Port A	**30**	Aux 5 VDC LED
13	Processor Socket	**32**	CMOS Battery